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# Amendments to the Claims

1. (currently amended) A compound of a formula below:

wherein

q is 0, 1, or 2;

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W, X, Y and Z are each independently CH, C, N, S, or O with appropriate single or double bonds and/or hydrogen atoms to complete valency requirements:

Ring A is a five or six member ring wherein one of W, X, Y and Z mny be absent; provided that ring A is not phenyl;

K is a bond; or C=O;, or S(O)<sub>p</sub>; p is 0, 1 or 2; n is 0; or 1, or 2;

when n is 0, K is C=O-or  $S(O)_p$  and  $R^1$  is selected from a group consisting of  $-OC_1-C_6$  alkyl, -O aryl,  $-OC_2-C_6$  alkenyl,  $-OC_1-C_6$  haloalkyl,  $-OC_1-C_6$  alkylerocyclylie,  $-OC_3-C_8$  eycloalkyl,  $-OC_1-C_6$  alkyleycloalkyl,  $-NR^2R^8$ ,  $-OC_1-C_6$  alkyleyrl, -O-heterocyclylie,  $-OC_1-C_6$  alkyleycloalkyl,  $-OC_2-C_6$  alkyleycloalkyl,  $-OC_2-C_6$  alkyleycloalkyl,  $-OC_3-C_6$  alkyleycloalkyl, aryl and heterocyclic group is optionally substituted with  $-C_3-C_6$  alkyleycloalkyl,  $-OC_4-C_6$  alk

when n is 1-oi-2, K is a bond\_and R<sup>1</sup> is selected from a group consisting of hydroxy,  $C_4$ - $C_4$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_4$ - $C_6$  haloalkyl,  $C_4$ - $C_6$  alkylheterocyclic,  $C_3$ - $C_8$  cycloalkyl,  $C_4$ - $C_6$  alkylaryl, aryl, heterocyclyl,  $C_4$ - $C_6$  alkylalcohol,  $C_4$ - $C_6$  alkylNR<sup>2</sup>R<sup>8</sup>, wherein each cycloalkyl, aryl and heterocyclic is optionally substituted with 1 or 2 groups

independently selected from the groups consisting of oxo, hydroxy, halo,  $C_1$ ,  $C_6$  alkyl,  $C_2$ ,  $C_6$  alkeyl,  $C_2$ ,  $C_6$  alkynyl,  $C_4$ ,  $C_6$  alkoxy,  $C_4$ ,  $C_6$  haloalkyl,  $C_4$ ,  $C_6$  alkylalcohol,  $C_4$ ,  $C_6$  haloalkoxy,  $C_4$ ,  $C_6$  haloalkyleyano,  $C_4$ ,  $C_6$  haloalkoxy,  $C_4$ ,  $C_6$  haloalkoxy,  $C_4$ ,  $C_6$  haloalkyleyano,  $C_4$ ,  $C_6$  haloalkoxy,  $C_4$ ,  $C_6$  haloalkyleyano,  $C_4$ ,  $C_6$  haloalkyleyano,  $C_4$ ,  $C_6$  haloalkyleyano,  $C_4$ ,  $C_6$  haloalkyleyano,  $C_4$ ,  $C_6$  haloalkoxy,  $C_4$ ,  $C_6$  haloalkyleyano,  $C_4$ ,

 $R^2$  is each independently selected from the group consisting of hydrogen, halo.  $C_1$ - $C_6$  alkylogen,  $C_2$ - $C_6$  alkynyl,  $C_4$ - $C_6$  haloalkyl,  $OC_4$ - $C_6$  alkylogen,  $OC_4$ - $C_6$  alkylogen, halo.  $OC_4$ - $OC_6$  alkylogen, halo, haloalkylogen, halo, haloalkylogen, halo, haloalkylogen, halo, haloalkylogen, halo, haloalkylogen, haloalkylogen

 $R^3$  is each independently selected from hydrogen; or  $C_1$ - $C_6$  alkyl; aryl,  $C_2$ - $C_6$  alkenyl,  $C_4$ - $C_6$  alkylaryl,  $C_4$ - $C_6$  alkylheterocyclic,  $C_3$ - $C_8$  cycloalkyl, or  $C_4$ - $C_6$  alkyleyeloalkyl;  $R^4$  is a group represented by the formula -NR $^9R^{10}$ ;

 $R^5$  is selected from: the group consisting of hydrogen, halogen, hydroxy,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$ -alkynyl,  $C_1$ - $C_6$  alkoxy,  $C_1$ - $C_6$  haloalkyl,  $C_2$ - $C_8$ -eycloalkyl,  $C_4$ - $C_6$ -alkylaryl,  $C_4$ - $C_6$ -alkylaryl,  $C_4$ - $C_6$ -alkylaryl,  $C_4$ - $C_6$ -alkylaryl, heteroarylaryloxy.  $OC_2$ - $C_6$ -alkenyl,  $OC_4$ - $C_6$ -haloalkyl,  $OC_4$ - $OC_6$ -haloalkyl,  $OC_4$ - $OC_6$ -alkylaryl; and wherein when  $C_4$  or  $C_6$ -alkylaryl groups may combine to form a fused 5 or 6 member carbocyclic ring: optionally substituted carbocyclic or heterocyclic ring with ring A;

 $R^6$  is independently selected from the group consisting of hydrogen,  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$  alkenyl, hydroxy,  $C_4$ - $C_6$ -alkyl,  $C_2$ - $C_6$ -alkenyl,  $C_4$ - $C_6$ -alkoxy, aryloxy.  $OC_2$ - $C_6$ -alkenyl,  $OC_4$ - $C_6$ -haloalkyl,  $C_4$ - $C_6$ -alkyl $OC_4$ - $OC_6$ -alkyl $OC_6$ - $OC_6$ -alkyl $OC_6$ - $OC_6$ -alkyl $OC_6$ - $OC_6$ - $OC_6$ -alkyl $OC_6$ - $OC_6$ -

 $R^7$  and  $R^8$  are independently selected from the group consisting of hydrogen,  $C_4$ - $C_6$  alkyleyeloalkyl,  $C_3$ - $C_8$  cycloalkyl,  $C_4$ - $C_6$  alkylheterocyclic,  $C_4$ - $C_6$  haloalkyl,  $NR^{11}R^{12}$ , hydroxy, exe, COOH, C(O)OC<sub>1</sub>- $C_4$  alkyl,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $C_4$ - $C_6$  alkylamine,  $C_4$ - $C_6$  alkylaryl,  $C_2$ - $C_6$  alkylaryl,  $C_2$ - $C_6$  alkylaryl,  $C_2$ - $C_6$  alkylaryl,  $C_4$ - $C_6$  alkyl $CONR^2R^8$ ,  $C_4$ - $C_6$  alkyl $CONR^8$ , and aryl $CONR^8$  and arylex alkyl $CONR^8$  and arylex alkyl $CONR^8$  and arylex alkyl $CONR^8$  and arylex alkyl $CONR^8$  a

 $C_1$ - $C_6$  haloalkyl,  $C_4$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $C_4$ - $C_6$  alkylalcohol, and  $C_4$ - $C_6$  alkylalmine;

or R<sup>2</sup>-and R<sup>8</sup>-combine to form a nitrogen containing heterocyclic ring which may have 0, 1, or 2 additional hetero-atoms selected from oxygen, nitrogen or sulfur and may be optionally substituted with oxo, or C<sub>1</sub>-C<sub>6</sub>-alkyl;

R<sup>9</sup> is the group C<sub>1</sub>-C<sub>6</sub>-alkyl. C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>3</sub>-C<sub>8</sub> cyclonkyl, C<sub>1</sub>-C<sub>6</sub>-alkyleycloalkyl. aryl. heterocyclic, tetrazolyl, pyrazolyl, oxazolyl, oxadiazolyl, quinolinyl, C<sub>1</sub>-C<sub>6</sub>-alkylheterocyclic, COR<sup>7</sup>, and CO<sub>2</sub>R<sup>7</sup>, C<sub>0</sub>-C<sub>3</sub>-alkylCONR<sup>2</sup>R<sup>8</sup>, C<sub>0</sub>-C<sub>2</sub>-alkylS(O)<sub>p</sub>NR<sup>2</sup>R<sup>8</sup>, or C<sub>0</sub>-C<sub>3</sub>-alkylS(O)<sub>p</sub>R<sup>2</sup> wherein R<sup>2</sup> is as defined above, and wherein each alkyl, cycloalkyl, aryl, and heterocyclic tetrazole, pyrazolyl, oxazolyl, oxadiazolyl, is optionally substituted with one to two groups independently selected from halo, hydroxy, oxo, COOH, C(O)OC<sub>4</sub>-C<sub>4</sub>-alkyl, C<sub>4</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>4</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub> alkylacohol, C<sub>1</sub>-C<sub>6</sub> alkylamine, C<sub>4</sub>-C<sub>6</sub>-alkylaryl, C<sub>2</sub>-C<sub>6</sub>-alkenylaryl, C<sub>4</sub>-C<sub>6</sub>-alkylaryl, C<sub>4</sub>-C<sub>6</sub>-alkylar

 $R^{10}$  is 3.5-bis-trifluoromethyl benzyl; selected from: the group consisting of aryl,  $C_4$ - $C_6$  alkylaryl,  $C_2$ - $C_6$  alkenylaryl,  $C_2$ - $C_6$  alkynylaryl,  $C_1$ - $C_6$  haloalkylaryl,  $C_4$ - $C_6$  alkylheterocyclic,  $C_2$ - $C_6$  alkyleycloalkyl,  $C_3$ - $C_6$  cycloalkyl,  $C_4$ - $C_6$  alkylaryl, and wherein each cycloalkyl, aryl, or heterocyclic group is optionally substituted with 1–3 groups independently selected from the group consisting of hydroxy, oxo.  $SC_4$ - $C_6$  alkyl,  $C_4$ - $C_6$  alkyl,  $C_4$ - $C_6$  alkynyl,  $C_4$ - $C_6$  haloalkyl, halogen,  $C_4$ - $C_6$  alkoxy, aryloxy,  $C_4$ - $C_6$  alkenyloxy,  $C_4$ - $C_6$  haloalkyl,  $C_4$ - $C_6$  alkyln $C_4$ - $C_6$  alkylaryl, nitro, cyano,  $C_4$ - $C_6$  haloalkyl,  $C_4$ - $C_6$  alkylalcohol;

 $R^{11}$  and  $R^{12}$  are independently selected from the group consisting of hydrogen, or  $C_1$ - $C_6$  alkyl.  $C_4$ - $C_6$  alkenyl.  $C_2$ - $C_8$  cycloalkyl, heterocyclic, aryl, and  $C_4$ - $C_6$  alkylaryl, wherein each aryl group is optionally substituted with 1-3 groups independently selected from halogen,  $C_4$ - $C_6$  alkylheterocyclic, and  $C_4$ - $C_6$  haloalkyl, or  $R^{14}$  and  $R^{12}$ -combine to form a nitrogen containing heterocyclic ring which may have 0, 1, or 2 additional heteroatoms selected from oxygen, nitrogen or sulfur and is optionally substituted with oxo, or  $C_4$ - $C_6$ -alkyl; or

a pharmaceutically acceptable salt. enantiomer, racemate, diastereomer or mixture of diastereomers thereof.

- 2. (currently amended) A compound according to Claim 1, or a pharmaceutically acceptable salt, enantiomer, racemate, diastereomer or mixture of diastereomers thereof, wherein n is zero, K is C=O and R<sup>1</sup> is selected from a group consisting of -OC<sub>1</sub>-C<sub>6</sub> alkyl, O-aryl, OC<sub>2</sub>-C<sub>6</sub> alkyl, O-C<sub>1</sub>-C<sub>6</sub> alkyleycloalkyl, OC<sub>4</sub>-C<sub>6</sub> alkylaryl, and OC<sub>1</sub>-C<sub>6</sub> alkylheterocyclylie, wherein each cycloalkyl, aryl and heterocyclic group is optionally substituted with 1 to 3 groups independently selected from C<sub>6</sub>-C<sub>6</sub> alkylCOOR<sup>11</sup>, C<sub>6</sub>-C<sub>6</sub>-alkylalcohol, C<sub>6</sub>-C<sub>3</sub>-alkylNR<sup>11</sup>, and C<sub>6</sub>-C<sub>6</sub>-alkyleyano.
- 3. (currently amended) A compound according to Claim 1, or a pharmaceutically acceptable salt, enantiomer, racemate, diastereomer or mixture of diastereomers thereof, wherein n is 1, K is a bond and  $R^1$  is selected from a group consisting of  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  haloalkyl,  $C_3$ - $C_6$  eyeloalkyl, aryl, and heterocyclic wherein each cycloalkyl, aryl, or heterocyclic is optionally substituted with 1 or 2 groups selected from  $C_4$ - $C_3$ -alkylaleohol,  $C_4$ - $C_3$ -alkylamine,  $C_6$ - $C_6$ -alkylCOOH,  $C_6$ - $C_6$ -
- 4. (currently amended) A compound according to Claim 1, or a pharmaceutically acceptable salt, enantiomer, racemate, diastereomer or mixture of diastereomers thereof, wherein  $\mathbb{R}^4$  is  $\mathbb{NR}^9\mathbb{R}^{49}$  and  $\mathbb{R}^9$  is a heterocyclic group tetrazolyl optionally substituted with one to two groups independently selected from OH, halo, amino,  $\mathbb{C}(O)OC_1$ - $\mathbb{C}_4$  alkyl,  $\mathbb{C}_4$ - $\mathbb{C}_6$  haloalkyl,  $\mathbb{C}_1$ - $\mathbb{C}_6$  alkyl,  $\mathbb{C}_2$ - $\mathbb{C}_6$ -alkenyl,  $\mathbb{C}_2$ - $\mathbb{C}_6$ -alkynyl,  $\mathbb{C}_4$ - $\mathbb{C}_6$ -alkoxy,  $\mathbb{C}_1$ - $\mathbb{C}_6$  alkylalcohol, and  $\mathbb{C}_1$ - $\mathbb{C}_6$  alkylalmine,  $\mathbb{C}_2$ - $\mathbb{C}_6$ -alkylcycloalkyl,  $\mathbb{C}_4$ - $\mathbb{C}_6$ -alkylcyno,  $\mathbb{C}_4$ - $\mathbb{C}_6$ -alkylcon $\mathbb{R}^2\mathbb{R}^8$ ,  $\mathbb{C}_4$ - $\mathbb{C}_6$ -alkylcon $\mathbb{R}^3\mathbb{R}^8$ .

#### 5-7. (canceled)

8. (currently amended) A compound according to Claim 1, or a pharmaceutically acceptable salt, enantiomer, racemate, diastereomer or mixture of diastereomers thereof, wherein each R<sup>3</sup> is hydrogen and R<sup>9</sup> is selected from: tetrazolyl, pyrazolyl, oxazolyl, oxidiazolyl, quinolinyl, each optionally substituted with one to two groups independently selected from C<sub>1</sub>-C<sub>6</sub> alkylamine, and C<sub>1</sub>-C<sub>6</sub> alkylNR<sup>7</sup>R<sup>8</sup>, the group consisting of:

wherein R is independently H, OH, NR R or C4-C3 alkyl wherein C4-C3 alkyl group is optionally substituted with OH, halo, cyano, CONR<sup>2</sup>R<sup>8</sup>, CO<sub>2</sub>R<sup>14</sup>, or NR<sup>2</sup>R<sup>8</sup>:

- 9. (currently amended) A compound according to Claim 1, or a pharmaceutically acceptable salt, enantiomer, racemate, diastereomer or mixture of diastereomers thereof, wherein two R<sup>5</sup> groups combine to form a fused cyclopentane or cyclohexane ring with ring A.
- 10. (currently amended) A compound according to Claim 1, or a pharmaceutically acceptable salt-enantiomer, racemate, diastereomer or mixture of diastereomers thereof, wherein R<sup>4</sup> is selected from the group consisting of:

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wherein  $R^7$  is  $OH_{-}C_1-C_3$  alkyl,  $OC_4-C_3$  alkyl, or  $C_4-C_3$  haloalkyl.

- 11. (currently amended) A compound according to Claim 1 selected from the group consisting of:
- 4-[Acetyl-(3,5-bis-trifluoromethyl-benzyl)-amino]-2-ethyl-7-methyl-3,4-dihydro-2H-
- [1,8]naphthyridine 1 carboxylic acid isopropyl ester,
- Cis-4-[acetyl-(3,5-bis-trifluoromethyl-benzyl)-amino]-2-ethyl-6-methoxy-3,4-dihydro-2H-
- [1,5]naphthyridine-1-carboxylic acid isopropyl ester,
- \_7 [Acetyl (3,5 bis trifluoromethyl benzyl) amino] 5 ethyl 6,7 dihydro 5*H* thieno[3,2 b]pyridine 4 carboxylic acid isopropyl ester,
- (+/-)-cis-4-[Acetyl-(3,5-bis-trifluoromethyl-benzyl)-amino]-2-ethyl-6-bromo-3,4-dihydro-2H-
- [1,5]naphthyridine-1-carboxylic acid isopropyl ester,

(+/-)-cis-4-[Acetyl-(3,5-bis-trifluoromethyl-benzyl)-amino]-2-ethyl-6-dimethylamino-3,4-dihydro-2H-[1,5]naphthyridine-1-carboxylic acid isopropyl ester,

- (+/-)-cis-4-[Acetyl-(3,5-bis-trifluoromethyl-benzyl)-amino]-2-ethyl-6-methyl-3,4-dihydro-2H-[1,5]naphthyridine-1-carboxylic acid isopropyl ester,
- (+/-)-cis-4-[(3,5-Bis-trifluoromethyl-benzyl)-(2,5-dimethyl-2H-pyrazole-3-carbonyl)-amino]-2-ethyl-6-trifluoromethyl-3,4-dihydro-2H-quinoline-1-carboxylic acid isopropyl ester,
- (+/-)-cis-4-(3,5-Bis-trifluoromethyl-benzyl)-1-(cyclopentylmethyl-2-ethyl-6-methoxy-1,2,3,4-tetrahydro-[1,5]naphthyridine-4-yl)-acetamide,
- (+/-)-cis-4-[Acetyl-(3,5-bis-trifluoromethyl-benzyl)-amino]-6-methoxy-2-methyl-3,4-dihydro-2*H*-[1,5]naphthyridine-1-carboxylic acid isopropyl ester,
- (+/-)-cis-4-[(3,5-Bis-trifluoromethyl-benzyl)-ethoxycarbonyl-amino]-6-methoxy-2-methyl-3,4-dihydro-2*H*-[1,5]naphthyridine-1-carboxylic acid isopropyl ester,
- (+/-)-cis-4-[(3,5-Bis-trifluoromethyl-benzyl)-(3-fluoro-5-trifluoromethyl-benzoyl)-amino]-6-methoxy-2-methyl-3,4-dihydro-2*H*-[1,5]naphthyridine-1-carboxylic acid isopropyl ester, (+/-)-cis-*N*-(3,5-Bis-trifluoromethyl-benzyl)-*N*-(1-cyclopentyl-6-methoxy-2-methyl-1,2,3,4-tetrahydro-[1,5]napthyridin-4-yl)-acetamide,
- (+/-)-cis-4-[Acetyl-(3,5-bis-trifluoromethyl-benzyl)-amino]-2-methyl-6-trifluoromethyl-3,4-dihydro-2H-[1,5]naphthyridine-1-carboxylic acid isopropyl ester,
- (+/-)-cis-4-[Acetyl-(3,5-bis-trifluoromethyl-benzyl)-amino]-2-cyclopropyl-6-trifluoromethyl-3,4-dihydro-2*H*-[1,5]naphthyridine-1-carboxylic acid isopropyl ester,
- 4-[(3,5-Bis-trifluoromethyl-benzyl)-(5,6,7,8-tetrahydro-quinolin-3-yl)-amino]-2,3-dimethyl-3,4,6,7,8,9-hexahydro-2*H*-benzo[b][1,5]napthyridine-1-carboxylic acid isopropyl ester, or a pharmaceutically acceptable salt, enantiomer or diastereomer or mixture thereof.

### 12. (canceled)

- 13. (withdrawn) A method of treating dyslipidemia comprising administering a compound of formula I of claim 1, a pharmaceutically acceptable salt, enantiomer, racemate diastereomer, mixture of diastereomers thereof, to a patient in need thereof.
- 14. (withdrawn) A method of treating atherosclerosis comprising administering a compound of formula I of claim 1, a pharmaceutically acceptable salt, enantiomer, racemate, diastereomer, or mixture of diastereomers thereof to a patient in need thereof.

15-16. (Canceled)

17. (withdrawn) A method of increasing plasma HDL-cholesterol in a mammal comprising administering a therapeutically effective amount of a compound of formula I of claim 1, a pharmaceutically acceptable salt, enantiomer, racemate, diastereomer, or mixture of diastereomers thereof to a patient in need thereof.

## 18. (Canceled)

- 19. (currently amended) A pharmaceutical composition comprising a compound according to Claim 1, a pharmaceutically acceptable salt, enantiomer, racemate, diastereomer, or mixture of diastereomers thereof, and a carrier, diluent and/or excipient.
  - 20. (canceled)
- 21. (withdrawn) A composition of claim 19 comprising one or more cardio protective agents selected from the group consisting of: statins, leptin, and lipid regulating agents.
  - 22. (canceled)
- 23. (withdrawn) A method according to claim 14 comprising administering one or more cardio protective agents selected from the group consisting of: statins, leptin, and lipid regulating agents.
- 24. (withdrawn) A method according to claim 13 comprising increasing plasma HDL-cholesterol in said patient.
- 25. (withdrawn) A method according to claim 13 comprising decreasing plasma LDL-cholesterol in said patient.
- 26. (withdrawn) A method according to claim 14 comprising increasing plasma HDL-cholesterol in said patient.

27. (withdrawn) A method according to claim 14 comprising decreasing plasma LDL-cholesterol in said patient.